What is claimed is:

1. A method of manufacturing a liquid crystal display panel, comprising a step of:

coating a resin film on one of a pair of substrates facing each other;

forming a plurality of pillar spacers by patterning the resin film;

optically cleaning the surface of the substrate where the pillar spacers have been formed; and

forming an alignment film on the optically cleaned substrate;

wherein in the optically cleaning, a light source having an emission peak in a wavelength range of 180 nm or less or 260 nm or more and not having an emission peak in a wavelength range from 180 nm to 260 nm is used.

2. The method of manufacturing a liquid crystal display panel as claimed in claim 1, wherein an excimer lamp is used as the light source.

3. A method of manufacturing a liquid crystal display panel, comprising a step of:

coating a resin film on one of a pair of substrates facing each other;

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forming a plurality of pillar spacers by patterning the resin film;

optically cleaning the surface of the substrate where the pillar spacers have been formed; and

forming an alignment film on the optically cleaned substrate;

wherein a thickness reduction amount of the resin film due to optical cleaning is estimated in advance, and the resin film is coated to a thickness larger than a designed value of a height of the pillar spacers in accordance with the thickness reduction amount.

4. A method of manufacturing a liquid crystal display panel, comprising a step of:

coating a resin film on one of a pair of substrates facing each other;

forming a plurality of pillar spacers by patterning the resin film;

optically cleaning the surface of the substrate where the pillar spacers have been formed; and

forming an alignment film on the optically cleaned substrate;

wherein the resin film is coated to a thickness larger than a designed value of a height of the pillar spacers, and in the optically cleaning, the amount of optical irradiation

is controlled so that the height of the pillar spacers becomes equal to the designed value.